

TOPICS IN HUMAN GENETICS
WITH SOCIAL IMPLICATIONS

Existing Problems

1. Screening for genetic defects
2. Counselling
3. Adoption
4. Artificial insemination (existing practices)
5. Quality control in cytogenetics laboratories
6. Genetic demography
7. Use of vital records for genetic purposes
8. Genetic effects of family planning
9. Environmental mutagens (Chemicals and radiation)
10. "Dysgenic" effects of medical practices
11. Empiric recurrence risk registers
12. Nomenclature
13. Genetic indications for abortion
14. Fetal diagnosis
15. Genetics of race

Future Problems

1. Germinal choice (Mullers ideas)
2. Gametic selection (X vs. Y sperms, mutant gametes)
3. In-Vitro fertilization
4. Vegetative reproduction
5. Parthenogenesis
6. "Fertilized egg" fusion - mosaic individuals
7. Cell hybridization (man/infrahuman hybrids)
8. Genetic surgery (chromosomal replacement, DNA replacement, transduction)